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Publication Dates of Bergh's 1879 Papers Describing American Chromodorids

BY

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THREE PAPERS CONTAINING descriptions of American chromodorid opisthobranchs were published by Rudolph BERGH in the year 1879. In an attempt to establish an order of priority for original descriptions, synonymies and future revisions, the publication dates of the 3 papers have been determined.

According to internal evidence, *i. e.*, the numbering in the lists of *Chromodoris* species in the papers, Bergh wrote his papers in the sequence (1) *Neue Nacktschnecken der Südsee*, (2) *On the nudibranchiate gasteropod Mollusca of the North Pacific Ocean*, with special reference to those of Alaska, and (3) *Neue Chromodoriden*. The papers are treated here in this order.

(1) The 4th and last part of Bergh's series "*Neue Nacktschnecken der Südsee*" was published in part 14 of volume 5 of *Journal des Museum Godeffroy*. In reply to an enquiry to the Zoological Library, British Museum (Natural History), Miss A. Lucas informed me that their copy has "a list of other publications of the publisher

(L. Friederichsen & Co.), on the back cover, at the end of which are the words 'Hamburg, im Februar 1879'. The other piece of evidence is the words 'Zool. Dept. 28/3/79' written faintly in pencil on the front cover - presumably the date of receipt here" (*in litt.* 19 June 1970).

Thus it can be shown that the date of publication was probably not earlier than the printer's date of February 1879, and certainly prior to 28 March 1879, the date of receipt at the B. M. (N. H.). In the absence of evidence to the contrary, it is possible to stipulate the last day of February, *i. e.*, 28 February 1879, as the date of publication.

(2) Bergh's "On the nudibranchiate gasteropod *Mollusca* of the North Pacific Ocean, with special reference to those of Alaska. Part I" appeared in 2 simultaneously published journals (W. H. DALL, *in* BERGH, 1879d: 125; RUSSELL, 1968: 141). A printer's date, 10 May 1879, appears at the foot of the first page of Part I. In the certification notice in the title pages for the *Proceedings of the Academy of Natural Sciences of Philadelphia, 1879*, the then editor and recording secretary, Edward J. Nolan, reports that the pages containing Bergh's article were presented at the meeting of the Academy on 13 May 1879.

The closeness of these 2 dates, plus the certification notice, suggests that it is reasonable to accept 10 May 1879 as the publication date.

(3) There being no internal evidence to qualify the date of publication for Bergh's "*Neue Chromodoriden*" more specifically than 1879, under I. C. Z. N. Article 21(b) the publication date would be 31 December 1879. However, external evidence indicates a much earlier date.

In the 'Literaturbericht' of *Nachrichtsblatt der deutschen Malakozoologischen Gesellschaft 1879*, the '*Malakozoologische Blätter*, herausgegeben von S. Clessin, Neue Folge, Bd. 1, Lfg. 1, Mit 3 Tafeln' is reviewed article by article on pages 41 - 42. Page 42 has the following entry: 'p. 77. Bergh, Dr. R., Notizen über *Pleurophyllidia lovéni*.' The last lines of Bergh's *Pleurophyllidia* paper are printed on the same page (p. 87) as the title and first paragraphs of his "*Neue Chromodoriden*" (yet for some reason there is no entry in the 'Literaturbericht' for this latter paper). Plate 3, which belongs to "*Neue Chromodoriden*", is the 3rd plate of the 'Mit 3 Tafeln' mentioned in the 'Literaturbericht.'

It is thus demonstrable that these 2 papers by Bergh were published at the same time.

Dates of publication of the parts of *Nachrichtsblatt der deutschen Malakozoologischen Gesellschaft 1879* are found in the printer's notices at the end of each part. Page 48, the last page of 'No. 2 & 3 Februar - März

1879', is dated 'März 1879'. Under combination of I. C. Z. N. Articles 21(b)(i) and 21(f), the date of publication for "Neue Chromodoriden" must be regarded as 31 March 1879.

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 1879d. On the nudibranchiate gasteropod Mollusca of the North Pacific Ocean, with special reference to those of Alaska. Part I. Proc. Acad. Nat. Sci. Philadelphia 31: 71-132; pls. 1-8 (10 May 1879)
 1879e. On the nudibranchiate gasteropod Mollusca of the North Pacific Ocean, with special reference to those of Alaska. Part I. Sci. Results Explor. Alaska 1: 127-188; pls. 1-8 (10 May 1879)
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 1968. *Chromodoris californiensis* and *C. calensis*. The Nautilus 81: (4): 140-141 (April 1968)

book "made itself one year younger at the time of its birth". The date 1839 on the title page is thus certainly an error and the date of 9. Oktober 1838 on page 110 a probable error which does not coincide with a middle of the year publication date. Both these dates may represent tentative completion dates.

The acceptance of 1838 as the publication date for Anton's "Verzeichniß der Conchylien ..." will change only a few specific name priorities and no major taxonomic changes are expected.

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The Date of Publication of Anton's "Verzeichniß der Conchylien"

BY

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ANTON'S IMPORTANT CONCHOLOGICAL work "Verzeichniß der Conchylien ...", which besides descriptions of new taxa also contains generic type-species designations, has always been deemed to have been published in 1839, despite the note on page 110 "Im Druck beendigt den 9. Oktober 1838", meaning that by that date the printing was completed.

Irrefutable proof that Anton's work already appeared in 1838 can be found in TROSCHEL (1839) who states:

"Unter dem Titel: Verzeichniß der Conchylien, welche sich in der Sammlung von Hermann Eduard Anton befinden, herausgegeben von dem Besitzer, Halle b. Eduard Anton 1839, erschien in der Mitte des Jahres 1838 ein Buch, das schon bei seiner Geburt sich um ein Jahr jünger machte."

TROSCHEL (*op. cit.*), who every year reviewed molluscan literature published during the previous year for the "Archiv für Naturgeschichte", clearly states that Anton's work appeared already in the middle of 1838 and that the

Another Cephalopod from Northern California (Mollusca : Cephalopoda)

BY

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LATE IN JANUARY 1977, the crew and Captain James Riley of the drag boat *Ina* noted a rather unusual "squid" on the deck of the vessel after making a daylight tow in 330 fathoms (603m) on a soft (green) mud substrate. The tow was made at approximately 40°15'N, north of Eureka, California. The specimen was salvaged from amid the fish on deck and preserved on shipboard in a 10% solution of formalin. The specimen came to my hands and I deposited it in the "wet collection", Department of Invertebrate Zoology, California Academy of Sciences, San Francisco, California.

Although this squid appeared to represent a species new to this part of the northern California coast, a possibly related species or variety has been taken a few times

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